

# Business Intelligence

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**FISCAL RESEARCH DIVISION**

A Staff Agency of the North Carolina General Assembly

# Agenda

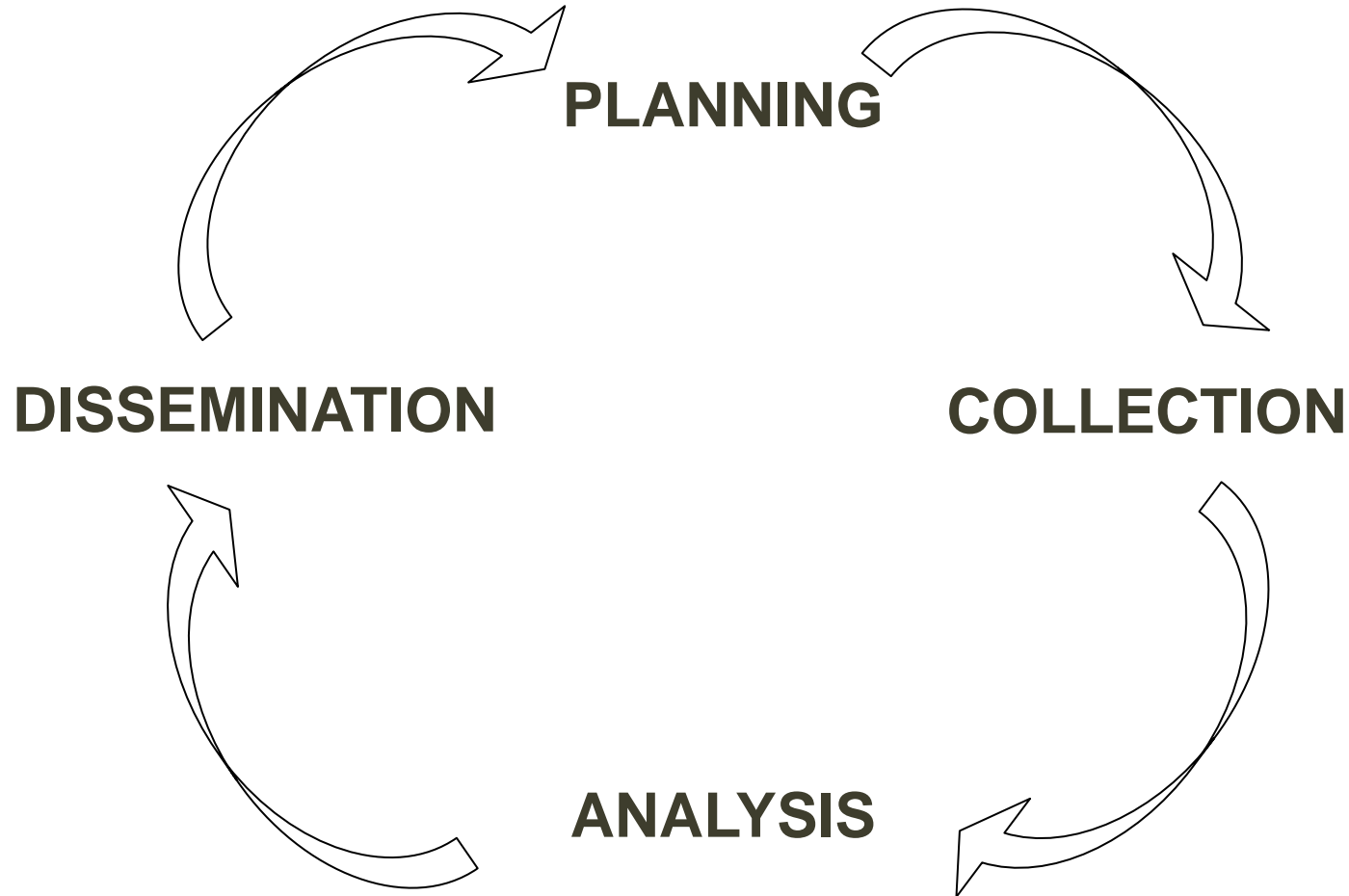
- Business Intelligence... Defined
- Business Intelligence... Cycle
- Business Intelligence... Levels
- Business Intelligence... in North Carolina
- Business Intelligence... in Procurement

# Business Intelligence

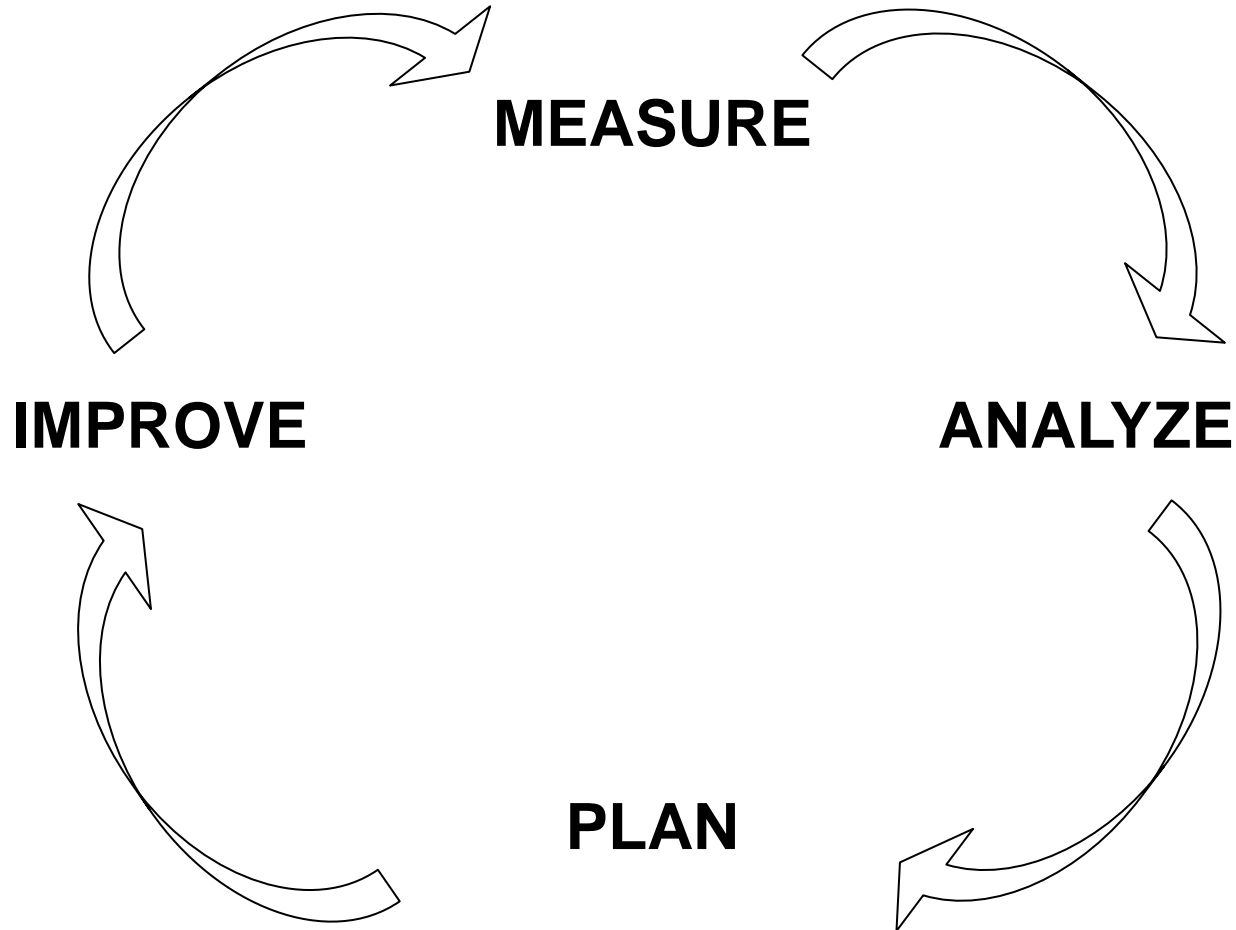
- Business intelligence, or BI, is an umbrella term that refers to a variety of software applications used to analyze an organization's raw data.
- BI as a discipline is made up of several related activities, including:
  - Data Mining
  - Online Analytical Processing
  - Querying
  - Reporting

Source: CIO.com

# Intelligence Cycle

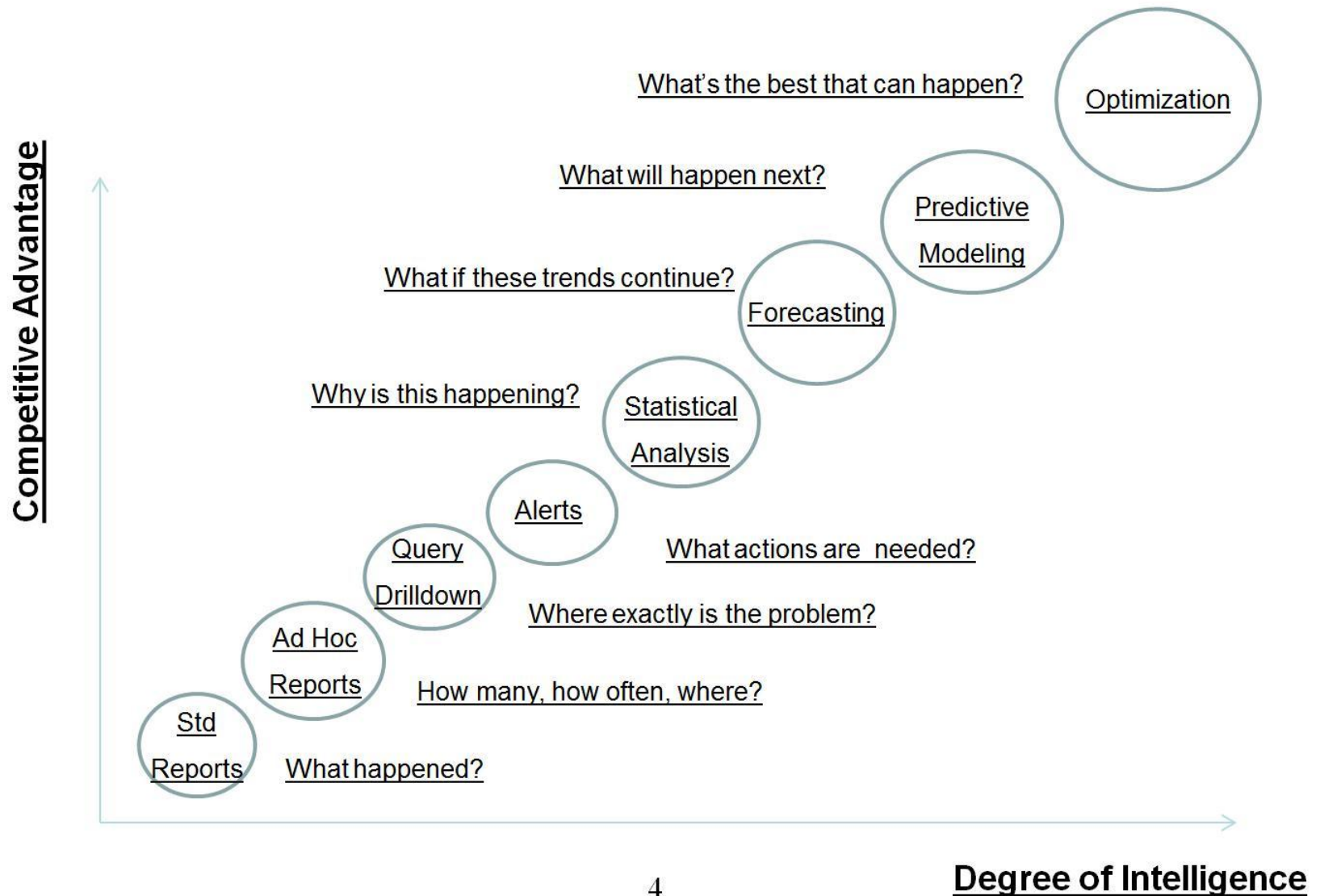


# Business Intelligence Cycle



Source: Information Management Online

# Levels of Business Intelligence



# BI in North Carolina

## Legislation:

- 2007: Data integration program established as part of BEACON
- 2008: Criminal Justice Law Enforcement Automated Data Services
- 2011: North Carolina Financial Accountability and Compliance System

## Agency Efforts:

- Applications - DPI, DOT, DHHS, OSC, Commerce, DENR, ITS, UNCGA
- Projects under Development – OSC, DPI, DOR, DHHS, OSBM

# BI for Procurement

- Spend Analysis
  - Materials
  - Vendors
  - Processes
  - People
- Key Capabilities
  - Data Quality
  - Ease of Use
  - Integration
- Benefits
  - Increased spend under management
  - Improved contract compliance

Source: [it.toolbox.com](http://it.toolbox.com)



# Questions

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